

CLAIM AMENDMENTS

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1. (Currently Amended) A plasma display panel comprising:
 - a rear substrate;
 - a front substrate spaced from the rear substrate and forming a discharge space between the rear and front substrates;
 - partition walls between the front and rear substrates sectioning the discharge space into red, green, and blue discharge cells respectively having coatings of fluorescent substances producing red, green, and blue light, respectively, so that areas of the discharge cells differ in accordance with ~~a ratio~~ ratios of efficiencies of light radiation by the respective fluorescent substances;
 - address electrodes on the rear substrate;
 - discharge maintenance electrodes, including pairs of first and second electrodes, on the front substrate and extending in a direction crossing the address electrodes; and
 - first, second and third transparent electrodes extending from the first and second electrodes over at least parts of the red, green, and blue discharge cells, respectively, wherein the first, second, and third transparent electrodes have respective areas differing in accordance with the ratios of efficiencies of light radiation by the fluorescent substances of the red, green, and blue discharge cells, located where the first, second, and third transparent electrodes are respectively disposed.
 2. (Currently Amended) The plasma display panel as claimed in claim 1, wherein the areas of discharge cells are inversely proportional to the ratios of efficiencies of light radiation of the respective fluorescent substances of the red, green, and blue discharge cells.
 3. (Original) The plasma display panel as claimed in claim 1, wherein the blue discharge cell has a larger area than the red and green discharge cells.
 - 4 (Cancelled)
 5. (Currently Amended) The plasma display panel as claimed in claim 4 1, wherein the areas of the first, second, and third transparent electrodes are inversely proportional to the ratios of efficiencies of light radiation of the respective fluorescent substances of the red, green, and blue discharge cells.

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6. (Currently Amended) The plasma display panel as claimed in claim 4 1, wherein the area of the third transparent electrode disposed partially over the blue discharge cell is larger than the areas of the first and second transparent electrodes.

7. (Currently Amended) The plasma display panel as ~~claim~~ claimed in claim 4 1, wherein the areas of the first, second, and third transparent electrodes are in a ratio of approximately 0.65-0.7:0.9:1.

8. (Original) The plasma display panel as claimed in claim 1, wherein the areas of the respective discharge cells are determined by widths of the partition walls surrounding each discharge cell.

9. (Currently Amended) The plasma display panel as claimed in claim 8, wherein the areas of discharge cells are inversely proportional to the ratios of efficiency of light radiation of the respective fluorescent substances of the red, green, and blue discharge cells.

10. (Original) The plasma display panel as claimed in claim 8, wherein the area of the blue discharge cell is larger than the areas of the red and green discharge cells.

11. (Currently Amended) The plasma display panel as claimed in claim 8, wherein the partition walls include pairs of main partition walls parallel to each other, having the same width, and on which first and second electrodes are respectively disposed, and auxiliary partition walls, each auxiliary partition wall having a uniform width, different auxiliary partition walls having respective, different widths, the auxiliary partition walls being transverse to and connected to the main partition walls, defining the respective discharge spaces having different areas.

12. (Currently Amended) A plasma display panel comprising:
a rear substrate;
a front substrate spaced from the rear substrate and forming a discharge space between the rear and front substrates;
partition walls between the front and rear substrates and including main partition walls having the same width and arranged in stripes spaced from each other, and auxiliary partition walls transverse to and connected to the main partition walls, and each auxiliary partition wall having a uniform width, different auxiliary partition walls respective, different

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widths, the main partition walls and the auxiliary partition walls defining and surrounding
respective red, green, and blue discharge cells having coatings of respective fluorescent
substances respectively producing red, green, and blue light, ~~so that the areas of wherein~~ the
discharge cells have respective areas ~~differ~~ differing in accordance with ~~a ratio~~ ratios of
efficiencies of light radiation by the respective fluorescent substances, the varying areas of
the discharge cell being determined by respective widths of the auxiliary partition walls
defining the cells;

address electrodes on the rear substrate; and
pairs of first and second electrodes on the front substrate and extending in a direction
crossing the address electrodes.

13 (Cancelled)

14. (Currently Amended) The plasma display panel as claimed in claim 12, wherein
the areas of discharge cells are inversely proportional to the ratios of efficiencies of light
radiation of the respective fluorescent substances of the red, green, and blue discharge cells.

15. (Original) The plasma display panel as claimed in claim 12, wherein the blue
discharge cell has a larger area than the areas of the red and green discharge cells.

16. (Original) The plasma display panel as claimed in claim 12, wherein the first and
second electrodes are parallel to the main partition walls and do not cover the discharge cells,
and including first, second, and third transparent electrodes extending from the first and
second electrodes over at least parts of the red, green, and blue discharge cells, respectively.

17. (Currently Amended) The plasma display panel as claimed in claim 16, wherein
the areas of the first, second, and third transparent electrodes differ in accordance with the
~~ratio~~ ratios of efficiencies of light radiation by the respective fluorescent substances of the
red, green, and blue discharge cells where the first, second, and third transparent electrodes
are respectively disposed.

18. (Currently Amended) The plasma display panel as claimed in claim 17, wherein
the areas of the first, second, and third transparent electrodes are inversely proportional to the
ratios of efficiencies of light radiation of the respective fluorescent substances of the red,
green, and blue discharge cells.

In re Appln. of KIM et al.
Application No. 10/046,832

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19. (Original) The plasma display panel as claimed in claim 17, wherein the area of the third transparent electrode disposed partially over the blue discharge cell is larger than the areas of the first and second transparent electrodes.

20. (Original) The plasma display panel as claim in claim 17, wherein the areas of the first, second, and third transparent electrodes are in a ratio of approximately 0.65-0.7:0.9:1.
